

# CV Zohreh Ghomian



**First name:** Zohreh Ghomian

**Date of birth:** 1973

**Place of birth:** Tehran, Iran

**Nationality:** Iranian

**Marital status:** Married

**Position:** Assistant Professor

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## Affiliation:

Department of Health in Disasters and Emergencies, School of Public Health, and Safety, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

## University education

### 1. Ph.D.

Health Services Administration, Science and Research Branch, Islamic Azad University, Tehran, Iran 2008.

**Course Title:** PhD Health Service Administration;

**Thesis:** “Designing a Model of Higher Education System in Disaster Management for Iran”;

### 2. M.S.

Health Services Administration, Science and Research Branch, Islamic Azad University, Tehran, Iran, 2002.

**Course Title:** M.Sc. Health Service Administration;

**Thesis:** “Assessment of Management Situation in Helicopter Emergency System and Hospitals that were Admitted Patient were transported through Helicopter Emergency System in Iran on 2002”.

### 3. B.Sc.

Nursing, Islamic Azad University, Tehran Medical Branch, Tehran, Iran, 1996.

### Publications:

1. Mousavipour,S., **Ghomian, Z.**, Nouri, F., & Khorasani-Zavareh, D. (2020). Protocol of Identification of Effective Factors in Reducing Fall among the Hospitalized Patients: A Systematic Review, *Archives of Trauma Research*, 9(3), 135-138.
2. Karampourian, A., **Ghomian, Z.**, & Khorasani-Zavareh, D. (2019). The Bridge between Need and Access: Distribution of Trauma Care Facilities at a Religious Mega Mass Gathering. *Acta Medica Iranica*, 57(7), 442-447.
3. Sahebi, A., **Ghomian, Z.**, & Sarvar, M. (2019). Helicopter emergency medical services in 2017 Kermanshah Earthquake; a qualitative study. *Archives of academic emergency medicine*, 7(1).
4. Allahbakhshi, K., **Ghomian, Z.**, Jazani, R. K., & Khorasani-Zavareh, D. (2019). Preparedness challenges of the Iranian health system for dust and sand storms: A qualitative study. *Journal of Education and Health Promotion*, 8(1), 114.
5. Karampourian, A., **Ghomian, Z.**, & Khorasani-Zavareh, D. (2019). Qualitative study of health system preparedness for traumatic incidents in a religious mass gathering. *Injury*, 50(5), 1097-1104.
6. Allahbakhshi, K., Khorasani-Zavareh, D., Jazani, R. K., & **Ghomian, Z.** (2019). Preparedness components of health systems in the Eastern Mediterranean Region for effective responses to dust and sand storms: a systematic review. *F1000Research*, 8.
7. Karampourian, a., khorasani-zavareh, d., & **Ghomian, Z.** (2019). Communicable diseases pattern in religious mass gatherings: a systematic review. *Journal of clinical & diagnostic research*, 13(2).
8. Keykaleh, M. S., Safarpour, H., Yousefian, S., Faghisolouk, F., Mohammadi, E., & **Ghomian, Z.** (2018). The Relationship between Nurse’s Job Stress and Patient Safety. *Open access Macedonian journal of medical sciences*, 6(11), 2228.
9. Karampourian, A., **Ghomian, Z.**, & Khorasani-Zavareh, D. (2018). Exploring challenges of health system preparedness for communicable diseases in Arbaeen mass gathering: a qualitative study. *F1000Research*, 7.
10. Karampourian, A., Khorasani-Zavareh, D., & **Ghomian, Z.** (2018). Fatalisma at the Arbaeen Ceremony. *Safety Promotion and Injury Prevention*, 5(4), 181-184.
11. **Ghomian, Z.**, khodadadizadeh, A., jahangiri, k., & yousef, n. S. (2018). Bam, iran, earthquake experiences, life suddenly collapse in a few seconds: a qualitative study.

12. Sharifian, S., **Ghomian, Z.**, Khodadadizadeh, A., & Jahangiri, K. (2017). Assessment of Disaster Mitigation and Preparedness. *Trauma Monthly*, 22(2).
13. **Ghomian, Z.**, & Yousefian, S. (2017). Natural Disasters in the Middle-East and North Africa With a Focus on Iran: 1900 to 2015. *Health in Emergencies and Disasters*, 2(2), 53-62.
14. Imani, B., Karampourian, A., **Ghomian, Z.**, & Taajobi, M.(2016) Effect of quality work life relationship on occupational stresses among Bu-alisina university staff in Hamadan province, IR Iran.
15. **Ghomian, Z.**, Motamedi, M. H. K., & Danial, Z. (2017). Curbing Death from Natural Disasters in Mass Gatherings. *Trauma Monthly*, 22(4).
16. Pourabbasi, A., Heshmat, R., Rajabi, F., Heidarzadeh, A., **Ghomian, Z.**, Kheiry, Z., & Larijani, B. (2015). Comprehensive health higher education plan, a model for plicy making in health higher educaion in ministry of health in Iran. *Iranian Journal of Medical Education*, 15, 61-63.
17. Karampourian, A., **Ghomian, Z.** Jahangiri, K., & karkhanei, b. (2017). Effect the education of mass casualty incident (mci) on knowledge, attitude, practice and satisfaction in red crescent rescuers of Hamadan. *Avicenna journal of nursing and midwifery care*, SPRING 2017 , Volume 25 , Number 1; Page(s) 44 To 50.
18. Saghafinia M., Danial Z., Ghomian Z., Haeri A.A.(2009).Effect of educational pamphlets of disasters dealing on increasing individuals' awareness. *JOURNAL OF MILITARY MEDICINE FALL 2009 , Volume 11 , Number 3 (41); Page(s) 161 To 164.*

## Conferences Presentation

19. Designing a Model for Health System Preparedness vs. Dust Storm in Iran, 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019(Oral Presentation)
20. Needs Assessment and Guidelines Drafting for Health System Preparedness for the Prevention of Infectious Diseases and Trauma in Mass gathering, 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019(Oral Presentation)
21. The Experience of Ministry of Health and Medical Education in volunteer management in Kermanshah earthquake, 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019(Poster Presentation)
22. The Role of the Media in Social Participation Management in Disasters, 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019(Poster Presentation)
23. Effectiveness of Evaluation in the Preparedness of Iranian educational hospitals vs. Natural Disasters: Systematic Review, 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019(Poster Presentation)
24. Lessons learned from the 3.7 magnitude earthquake on Imam Khomeini Hospital, Islamabad, west of Kermanshah province in 2017, 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019(Poster Presentation)
25. Assessment of Preparedness and Response level of Neishabour University of Medical Sciences to the caravans of pilgrims of Imam Reza (A.S.) in 2017, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)
26. Best Practice in the use of e-learning in disaster management, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)

27. Effective Indexes of E-Learning in Disaster Management, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)
28. Effect the education of mass casualty incident (mci) on knowledge, attitude, practice and satisfaction in red crescent rescuers of hamadan , 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)
29. The importance of accessibility to contraceptive instruments in the disaster response phase, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)
30. Challenges of Dust Storms in the health system of Iran and world, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)
31. Experiences of virtual education in the world on health in disasters and emergencies: effective indicators of e-learning, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)
32. Research Challenges om Health in Disasters and Emergencies, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)
33. Bam earthquake experiences, life collapse in a few seconds: a qualitative study of Health in Disasters and Emergencies, Tehran, 2017(Oral Presentation)
34. Analysis of Red Crescent Road Rescue Bases Based on Hazardous Roads in Mazandaran Province Using GIS, 8th International Conference on Integrated Natural Disaster Management, Tehran, 2016(Oral Presentation)
35. Study the effect of Knowledge Management Processes on Improving the Disaster Management Process, 7th International Congress of Health in Disasters and Emergencies, Tehran, 2015(Poster Presentation)
36. Application of SMART tools in triage of Trauma Patients at sea, 1st international conference and 3rd National conference on S&R and marine preventive medicine, January 2014, Bandar Abbas,(Poster Presentation)
37. Nutrition Requirements in Disasters Based on FEMA and CDC Guidelines, 1st Conference on Food Life Improvement, March 2014, Tehran, ,(Poster Presentation)
38. Development of Disaster and Emergency Management as a new Scientific discipline in Iran, 4th International Congress of Health in Disasters and Emergencies, Tehran, 200<sup>3</sup>(Oral Presentation)
39. Implementation of 5S Model in Emergency Wards of Imam Khomeini Trauma Center in Tehran, 11th European Forum on Quality Improvement in Health Care 26-28 April 2006, Prague, Czech Republic, 2006(Poster Presentation)
40. The incidents occurred during 25 years in the hospitals affiliated of Tehran University of Medical Sciences(1978-2003), 2nd International Congress of Health in Disasters and Emergencies, Tehran, 2004(Oral Presentation)
41. Hospitals' strengthening, Why?, 2nd International Congress of Health in Disasters and Emergencies, Tehran, 2004(Poster Presentation)
42. Assessment of response by 9 educational hospitals affiliated Tehran University of Medical Sciences after earthquake in north of Iran (8/3/2003), 2nd International Congress of Health in Disasters and Emergencies, Tehran, 2004(Oral Presentation)

43. Rx for Excellence, 5th International Conference on Managers of Quality, Tehran, 2004(Poster Presentation)
44. Bam Earthquake and Hospitals affiliated of Tehran University of Medical Sciences and,
45. Corporate University And Corporate Learning: Xchange Excellence Award, 1<sup>st</sup> National Conferences on Human Resources Development Conference, Tehran, 2003 (Poster Presentation)
46. Assessment of Management Situation in Helicopter Emergency System in Iran on 2000, 1st International Congress of Quality in Emergency Medicine Tehran, 2002 (Oral Presentation)
47. Assessment of Hospitals Situation that were Admitted Patient were transported through Helicopter Emergency System in Iran on 2000, 1st International Congress of Quality in Emergency Medicine, Tehran, 2002 (Oral Presentation)

## **Scientific Lectures in Panels and Conference**

- Monitoring of pilgrims on-foot and Biological Threats, 1st symposium of health Border Biosecurity, January 2020
- Drafting of Preparedness Operational Guides for Communicable Disease on Arbaeen Massgathering, 1st International Congress of Health in Arbaeen, Tehran, 2019.
- Effectiveness in Hospital Preparedness Evaluation of Iranian Educational Hospitals, 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019.
- Mass gathering in Iran: Challenges and opportunities, International Emergency Preparedness & Response Program; Tehran, Aug. 2018
- Virtual Education in Disasters, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017.
- Heath Research Challenges in Disaster Management, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017.
- Health in Mass Gathering; Emergency Management of Mass Casualty Incidents, Training Course, Tehran, 2016
- Health care System in Mass Gathering; 1st International Congress of Health in Emergencies, West of Azerbaijan province,2016
- Mega Mass gatherings in Iran: Challenges & opportunities, Hilal Iran Higher Education Institute, Iranian Red Crescent Society, 2016
- Educational Accreditation in the field of Medical Education in Iran: Lessons learned and Challenges –National Conference on Quality Assessment of Academic Systems, 2016
- Competency-Based Education for Health First Responders on Disaster, 7th International Congress of Health in Disasters and Emergencies, Tehran, 2015

## **Teaching**

### **Shahid Beheshti University of Medical Sciences**

#### **Graduate Teaching**

- Communication and information management in disasters, PhD Students of Disaster and Emergency Health
- Advanced disaster risk management, PhD Students of Disaster and Emergency Health
- Hospital & Prehospital Emergency Management, PhD Students of Disaster and Emergency Health
- Medical Services in Disaster and Emergencies, PhD Students of Disaster and Emergency Health
- The incident command system, PhD Students of Disaster and Emergency Health
- Natural Disasters, PhD Students of Disaster and Emergency Health
- Humanitarian assistance, PhD Students of Disaster and Emergency Health
- Principles of management and planning in the health system, PhD Students of Disaster and Emergency Health
- Internship & Seminar , PhD Students of Disaster and Emergency Health
- Disaster Risk Management, MPH Students

#### **Undergraduate Teaching**

- Method study & Work Management, BSc Students of Industrial management

#### **Training Workshop**

- Training course: “Strengthening the use of qualitative evidence in decision making for health and social interventions: using GRADE-CERQual approach” 24-25 July 2018
- The first Seminar on " Health Policy and Education Management", May 2018
- 19th National Conference on Medical Education and 12th Shahid Motahari Educational Festival, May 2018

#### **Academic/ Administrative Activities**

- Member of Scientific Committee of the 1st International Congress of Health in Mass gathering, Tehran, 2019.
- Member of Scientific Committee of the 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019.
- Member of Scientific Committee of the 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017.
- Member of Scientific Committee of the 7th International Congress of Health in Disasters and Emergencies, Tehran, 2016.
- Member of Scientific Committee of the 6th International Congress of Health in Disasters and Emergencies, Tehran, 2015.
- Successor of Secretary of Education Committee on Civil Defenses, Ministry of Health and Medical Education 2018- present
- Representative of Civil Defenses in Shahid Beheshti Medical University, 2018-present
- Member of Medical Education Reform Committee in Educational Deputy, Ministry of Health and Medical Education, 2017- present
- Monitoring and Evaluation Manager of Operational Plan between Education of Deputy and Universities of Medical Sciences affiliated of Ministry of Health and Medical Education, 2016- present
- Head of Research and Development Committee, Educational Deputy, Ministry of Health and Medical Education, 2014- present
- Head of Research and Development Committee, Secretary of Accreditation Council for Graduate Medical Education, Educational Deputy, Ministry of Health and Medical Education, 2012- 2014
- Quality Improvement and Administrative Reform expert, Health Deputy of Tehran University of Medical Sciences, 2004-2012

- Quality Improvement Expert, Quality Improvement Committee of Tehran University of Medical Sciences -2002-2004
- Nurse of Imam Khomeini Trauma Center's Wards : Hearth Surgery Operation Rooms, Orthopedic Surgery Rooms, Plastic Surgery and General Surgery Rooms, Emergency Operation Rooms, General Intensive Care Unit- 1996-2002

### **Supervisory Activities PhD Dissertations:**

- **Mr. Davood Pirani** ,Ph.D. Thesis: Design, psychometric and test of petrochemical industry Preparedness Tools in Fire disasters(Currently under supervision)
- **Mr. Hamid Safarpoor**, Ph.D. Thesis: Designing and Implementation of Vision Zero Model of Road Traffic Injuries in Iran(Currently under supervision)
- **Ms. Zahra Eskandari**, Ph.D. Thesis: Designing a Model for Optimization of the Helicopter Emergency Medical Bases Relay Location in Iran by Using Artificial Intelligence, Shahid Beheshti University of Medical Sciences, School of Public Health, and Safety, Tehran, Iran. (Currently under supervision)
- **Mr. Meysam Safi Keykaleh**, Ph.D. Thesis: Designing the Protocol of Decision-making Process for Asthma Attacks in Iranian Emergency Medical System, Shahid Beheshti University of Medical Sciences, School of Public Health, and Safety, Tehran, Iran. (Currently under supervision)
- **Mr. Allahbakhshi, Kiomars**, Ph.D. Thesis: Designing a dust storms preparedness model for the health care system of Iran, Shahid Beheshti University of Medical Sciences, School of Public Health, and Safety, Tehran, Iran (2019).
- **Ms. Arezo Karampourian**, Ph.D. Thesis: Need assessment of Health care system for exposing communicable diseases and trauma in Mass gathering and the design of preparedness operational guide, Shahid Beheshti University of Medical Sciences, School of Public Health, and Safety, Tehran, Iran (2018).



## **Areas of Interests**

- Disaster Management with concentration on Preparedness
- Education and Training on Higher Medical Sciences
- Human Mass gathering
- Emergencies on Hospitals
- Strategic and Tactical Planning

## **Books and National Documents:**

- Medical Education Reform and Innovation: A 4-Years Performance Report, ISBN: 9786001560798
- Reform on Health Higher Education Iran, Deputy of Education, Ministry of Health and Medical Education, 2015
- Strategic Document for Education Development in Medical Sciences based on Priorities, Ministry of Health and Medical Education, 2015
- "Health in the Islamic Republic of Iran 1977-2014", Targeted Development in Medical Education, ISBN 8-958-423-964-978
- Synopsis of Clinical Specialty, Subspecialty and Training Fellowship in the Islamic Republic of Iran Sep. 2012